

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
New Hope Oil Dump - Removal Polrep
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #3
Final POLREP
New Hope Oil Dump

New Hope, TN
Latitude: 35.0077740 Longitude: -85.6579080

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Date: 7/16/2020

Reporting Period: 7/13/2020 - 7/16/2020

1. Introduction

1.1 Background

Site Number:	C4F3	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	CERCLA	Response Type:	Emergency
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	7/9/2020	Start Date:	7/9/2020
Demob Date:	7/12/2020	Completion Date:	7/16/2020
CERCLIS ID:	TNN000420074	RCRIS ID:	
ERNS No.:		State Notification:	7/9/2020
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Emergency Response

1.1.2 Site Description

The New Hope City Park is located behind the New Hope Volunteer Fire Department building and consists of a baseball field and picnic building with pavilion, kitchen, and bathrooms. The park is surrounded by residential lots on the south and east side, a wooded pond on the west side and wooded area on the north side with residences in the next lot.

1.1.2.1 Location

New Hope City Park
2615 TN-156, New Hope, Marion County, Tennessee

1.1.2.2 Description of Threat

Dumped grease, animal fat or used cooking oil OR sewage discharge in public park. Has impacted adjacent waterways and residential property.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

See POLREP #1 for Preliminary Site Inspection Results

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

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On 7/13/2020, the Marion Gas Systems Board of Waterworks & Sewers agreed to allow the wastewater and sludge that had been moved from the park to the frac tank to be disposed of in the South Pittsburgh Waste Water Treatment Plant. The On-Scene Coordinator (OSC) directed EPA's Emergency Rapid Response Services (ERRS) contractor to transport the waste to the plant on 7/15/2020. The loads were transferred in volumes of approximately 2000 gallons each. The operation was overseen by an ERRS foreman. At the end of the day, on 7/15/2020, approximately 2-3 inches of sludge was left at the bottom of the tank. On 7/16/2020, the vacuum truck crew returned and sprayed water through the manway and removed as much of the remaining sludge as possible; that waste was also discharged at the South Pittsburg WWTP. The tank was returned to the rental vendor, where final decontamination will occur.

2.1.2 Response Actions to Date

- Collected analytical samples of water, discernible grease, sludge and soil
- Constructed barriers at outfall from park and pond to prevent further migration of oil downstream
- Initiated removal and storage of grease and sludge
- Initiated excavation and consolidation of sludge and water
- Completed investigation of spill source and concluded source to be a sewer line break.
- Completed disposal of sewage that had been removed from the Site.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

An access agreement was provided to the City of New Hope to conduct the work on New Hope City Park. Verbal access was granted to initiate the work.

2.1.4 Progress Metrics

A vacuum truck was used to move discernible grease and sludge to a frac tank. No soil was stockpiled for disposal, but soil that was excavated to consolidate and berm sludge and water was left in place

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Sewage	Frac Tank	19,000 gal	KNX2049-0710-VT-(multiple)	South Pittsburg Waste Water Treatment Plant	

2.2 Planning Section

2.2.1 Anticipated Activities

No further response activities will take place. Analytical data that is received from samples that were collected by THE EPA's Superfund Technical Assessment and Response Team (START) contractor will be shared with the City of New Hope, Marion County, and TDEC.

2.2.1.1 Planned Response Activities

- Mitigate the threat of contamination downstream (COMPLETE)
- Recover and dispose of grease and oils which can be distinguished from other materials (ceased)
- Collect samples for laboratory analysis to determine the contents and composition of the spilled materials (COMPLETE)
- Conduct investigation to determine the spill source including interviews and collection of documentation (COMPLETE)
- Excavate and dispose of impacted soil (ceased)

2.2.1.2 Next Steps

There is no information to report in this section

2.2.2 Issues

There is no information to report in this section

2.3 Logistics Section

There is no information to report in this section.

2.4 Finance Section

2.4.1 Narrative

The initial deployment on 7/9/2020 was for a response to animal fat or used cooking oil that had been allegedly discharged from a truck at New Hope City Park. Federal Project Number (FPN) E20417 was opened with the National Pollution Fund Center (NPFC) with an initial amount of \$50,000 to respond to the discharge. An EPA Site identification (ID) number V4GQ was opened for the response.

Upon the development, a strong suspicion beginning 7/10/2020 that the release was the result of mixed waste or perhaps sewage, a Comprehensive Response Compensation and Liability Act (CERCLA) Site ID of C4F3 with an EPA ID of TNN000420074 was opened.

ERRS and START were mobilized to the response under The OSC's warrant authority, which will be documented in an Emergency Response Action Memorandum. Budgeted costs for each contractor do not represent the total obligation available, and estimated costs do not represent actual expenditures for the time period.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				

ERRS - Cleanup Contractor	\$55,000.00	\$44,000.00	\$11,000.00	20.00%
TAT/START	\$10,000.00	\$8,000.00	\$2,000.00	20.00%
Intramural Costs				
Total Site Costs	\$65,000.00	\$52,000.00	\$13,000.00	20.00%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

2.5 Other Command Staff

2.5.1 Safety Officer

The EPA Region 4 Superfund and Emergency Management Division (SEMD) COVID-19 Safety Best Practices and SEMD COVID_19 Activity Hazard Analysis have been reviewed and implemented at the response. ERRS will include the best practices document as an attachment to its Health and Safety Plan.

2.5.2 Liaison Officer

There is no information to report in this section.

2.5.3 Information Officer

There is no information to report in this section.

3. Participating Entities

3.1 Unified Command

THE EPA responded with assistance and consultation from TDEC, Marion County, and the City of New Hope. However, no Unified Command was established.

3.2 Cooperating Agencies

City of New Hope

Marion Gas Systems Board of Waterworks & Sewers

Tennessee Department of Environment and Conservation

4. Personnel On Site

EPA (1) - demobilized 7/12/2020

ERRS (9) - demobilized 7/12/2020

3 mobilized on 7/15, demobilized on 7/16

START (1) - demobilized 7/11/2020

TDEC (1-2) - demobilized 7/11/2020

City of New Hope (1) - local

Marion County (1-2) - local

5. Definition of Terms

The term "discernible grease" is used in the POLREP to distinguish between material that is confidently known to be grease by its physical characteristics at the Site, from material that may or may not be grease which has been weathered or mixed with other materials.

6. Additional sources of information

6.1 Internet location of additional information/report

There is no information to provide in this section

6.2 Reporting Schedule

No further POLREPs will be generated

7. Situational Reference Materials

There is no information to report in this section